

Converting Colors

XYZ(31.7405, 28.1154, 35.8472)

Have a look what the booklet for
XYZ(31.7405, 28.1154, 35.8472)
contains.

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Color

**XYZ(31.7069, 28.0936,
35.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	AD859D
RGB	173, 133, 157
RGB Percent	68%, 52%, 62%
CMY	0.3216, 0.4784, 0.3843
CMYK	0.00, 0.23, 0.09, 0.32
HSL	324°, 20%, 60%
HSV	324°, 23%, 68%
XYZ	31.7069, 28.0936, 35.6498
YIQ	147.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

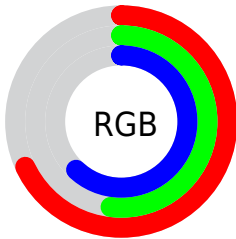
Format	Color
RYB	173, 133, 157
Decimal	11371933
CIELab	59.97, 19.30, -6.86
CIELCh	60, 20.482, 340.437
Yxy	28.0936, 0.3322, 0.2943
Android (android.graphics.Color)	4289562013 (0xFFAD859D)
YUV	147.6960, 4.5869, 22.1916
Hunter-Lab	53.0034, 14.0237, -2.7758

Details

The XYZ color **31.7069, 28.0936, 35.6498** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0424, 37.0444, 34.0023**, and the grayscale version is **27.9992, 29.4574, 32.0791**.

A 20% lighter version of the original color is **61.7557, 56.5293, 69.9437**, and **13.4405, 11.2202, 15.0930** is the 20% darker color. If you saturate the color by 10%, you get **28.9566, 23.5116, 31.9001**, and if you desaturate by 10%, it is **34.8824, 33.4717, 39.7070**.

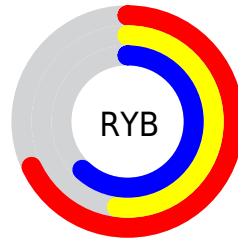
Distribution



Red (68%)

Green (52%)

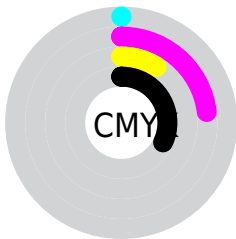
Blue (62%)



Red (68%)

Yellow (52%)

Blue (62%)

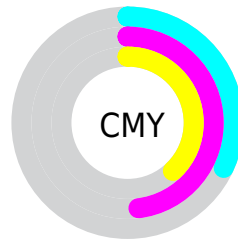


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7069, 28.0936, 35.6498 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.7069, 28.0936, 35.6498 by changing the saturation by 10% instead.

■ 31.7069, 28.0936,
35.6498

■ 31.7069, 28.0936,
35.6498

301.5510,
292.9139, 342.4183

■ 21.2922, 18.3962,
23.8763

■ 61.7196, 56.6338,
69.6541

■ 13.4514, 11.2348,
15.0305

■ 82.0483, 76.2455,
92.7221

■ 7.8193, 6.2250,
8.6940

■ 106.4124, 99.9307,
120.3919

■ 4.0303, 2.9824,
4.4480

135.1772,
128.0739, 153.0821

■ 1.7193, 1.1225,
1.8742

168.7082,
161.0594, 191.2114

■ 0.4683, 0.0000,
0.4762

207.3705,

■ 0.0000, 0.0000,

199.2716, 235.1981

0.0000

251.5297,
243.0950, 285.4609

■ 31.7069, 28.0936,
35.6498

■ 31.7069, 28.0936,
35.6498

■ 28.9566, 23.5116,
31.9001

■ 34.8824, 33.4717,
39.7070

■ 26.6094, 19.6835,
28.4470

■ 38.4991, 39.6779,
44.0786

■ 24.6449, 16.5690,
25.2811

■ 42.5747, 46.7470,
48.7737

■ 23.0398, 14.1225,
22.3918

■ 47.1258, 54.7108,
53.8001

■ 21.7681, 12.2929,
19.7675

■ 52.1676, 63.5992,
59.1655

■ 20.8002, 11.0219,
17.3954

■ 57.7150, 73.4410,
64.8772

■ 20.1006, 10.2396,
15.2604

■ 63.7820, 84.2636,
70.9422

■ 19.7221, 9.8796,
13.9098

■ 64.9235, 85.1762,
75.5479

■ 65.8176, 85.5339,
80.2559

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.0855, 28.0936, 42.8619



31.7069, 28.0936, 35.6498



31.9388, 28.0936, 28.0627

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.7069, 28.0936, 35.6498



25.8047, 28.0936, 18.5363



23.0673, 28.0936, 40.8720

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.7069, 28.0936, 35.6498



30.0424, 37.0444, 34.0023

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.0716, 28.0936, 33.2629



31.7069, 28.0936, 35.6498



23.5824, 28.0936, 20.9160

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.7069, 28.0936, 35.6498



28.4152, 28.0936, 18.9626



22.2538, 28.0936, 26.0316



25.0594, 28.0936, 46.1999

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.7069, 28.0936, 35.6498



31.2591, 28.0936, 23.8806



22.2538, 28.0936, 26.0316



22.6111, 28.0936, 38.4493

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.7077, 28.0949, 35.6504



66.2597, 66.4293, 75.7394



28.3259, 26.1832, 43.0965



14.3195, 14.2987, 16.3632



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.7077, 28.0949, 35.6504



54.0486, 45.7359, 60.1738



30.1375, 27.4668, 27.3815



8.1993, 8.0930, 9.3606



14.5175, 7.2695, 10.3703



0.4299, 0.2127, 0.4257

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.7077, 28.0949, 35.6504



54.0486, 45.7359, 60.1738



31.7788, 37.7389, 43.1461



8.1993, 8.0930, 9.3606



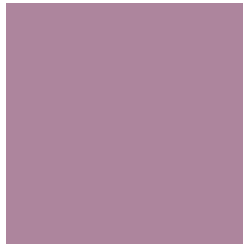
14.5175, 7.2695, 10.3703



0.4299, 0.2127, 0.4257

Previews

White Background



This preview shows how the XYZ color 31.7069, 28.0936, 35.6498 looks on a white background.

Color Contrast Check

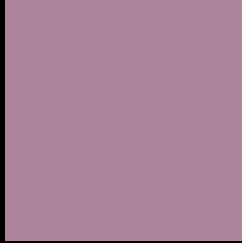
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.7069, 28.0936, 35.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

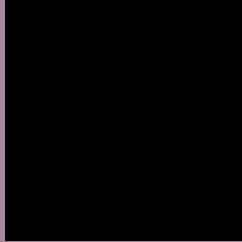
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7069, 28.0936, 35.6498

Background



This preview shows how black text looks on a background with the XYZ color 31.7069, 28.0936, 35.6498.



This preview shows how white text looks on a background with the XYZ color 31.7069, 28.0936,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.7069, 28.0936, 35.6498

Protanopia

27.8294, 28.3776, 39.1326

Deuteranopia

28.8521, 28.3201, 35.3981



Tritanopia

30.7881, 28.1429, 30.5975

Trichromacy



Original Color

31.7069, 28.0936, 35.6498

Protanomaly

28.9480, 28.1017, 37.6167

Deuteranomaly

29.7872, 28.1543, 35.3169

Tritanomaly

30.9632, 27.9908, 32.2046

Monochromacy



Original Color

31.7069, 28.0936, 35.6498

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.3130, 29.0474, 33.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7069, 28.0936, 35.6498 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.7069, 28.0936, 35.6498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 133, 157) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 133, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 133, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7069, 28.0936, 35.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
133, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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